BEST	
T AV	
AILAE	

	5~ Inder the Paper	i work Redu	clion Act	of 1895.	NO Dersons are in	acuired to respon	U.S. Patent and d to a collection of	Approved Trademark O	for use th	1009h 7/31/2006.	'0/SB/08 (08-03) OMB 0651-0032 OF COMMERCE
	PA	TENT	APPLI	CALIC	N FEE DET	CKMINAII	ON RECORD	mamzen un	Applic	plays a valid OMB cation or Dockel N 10710	control number.
8-5-5 CLAIMS AS FILED - PART I (Cotumn 2)						SMALI	ENTITY	OR	OTHER THAN OR SMALL ENTITY		
FOR BASIC FEE			NUME	ER FILEC	NUN	NUMBER EXTRA		FEE	7	RATE	FEE
(37	CFR 1.16(a))			·			150		OR	300	,
(D7	CFR 1.18(c))		3	minus 2	20 = '		x : 25.		OR	x : 50.	
	CFR 1.18(b))	UMS	/ minus 3 = ·			1	x : 100.		OR	x : 200.	
MU	LTIPLE DEPEND	ENT CLAIR	M PRESE	NT	(37 CFR 1.16(d))		+:180.		1		
. 4	the difference to	columo 1	is less ih	20.70t0 6	inter "0" in colum			 	OR	+1360-	
						« e.	TOTAL	<u> </u>	OR	TOTAL	<u> </u>
	, .".	JLAIMS	AS AM	ENDEC	- PART II	•					
		(Cotur			(Column 2)	(Column 3)	SMALL	ENTITY	OR		R THAN ENTITY
AMENDMENT A		REMA	AMS ANING TER DMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL.		RATE .	ADDI- TIONAL
	Total (32 CFR 1.16(c))	1	•	Minus	1.3	•	× . 25.	FEE		x , 50	FEE
EN	independent (37 CFR 1.15(b))	•	7	Minus	•••	3	x s /00 =	i i	OR		
¥	FIRST PRESEN	TATION OF	MULTIPLI	E DEPEND	ENT CLAIM (37 C		İ — —	OR	x \$ 200.		
	· · · · · · · · · · · · · · · · · · ·					# 10 1.10(U))	+ \$ 180 =	 	OR	+ 3602	
	ı						ADD'L FEE		OR	ADD'L FEE	
_		(Colum	_		(Column 2) HIGHEST	(Column 3)]
AMENDMENT B		REMAI AFT AMEND	NING ER		NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI: TIONAL
₫	Total (37 CFR 1.15(c))	<u> </u>		Minus	••	5	× : 25.		OR	x : 50 =	FEE
É	(SF CFR 1,15(b))			Minus	***	2	x 100.		OR	x : 200.	
ই	FIRST PRESENT	ATION OF	MULTIPLE	DEPENDE	ENT CLAIM (37 C	FR 1.16(d))	+1/80.		OR	+360=	
						 	TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
		(Colum			(Column 2)	(Column 3)					
ENT		CLAIP REMAIN AFTE AMENDA	NING R		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL
죕.	Total (ST CFR 1.15(c))	•		Minus		*	× : 25.		GP.	x : 50=	FEE
	Independent (97 CFR 1.16(b))	•		Minus		-	x s/00.		OR : OR	x 200 =	
₹	FIRST PRESENT	ATION OF M	ULTIPLE	DEPENDE	NT CLAIM (37 CF	+180.					
			•		:	TOTAL	 	OR	+ :360		
•	if the entry in co	lumn 1 is to lumber Pre	ess than wiously P	the entry i	In column 2, write N THIS SPACE I	o "O" in column 3. Is less than 20, e	ADDI FEE		OR	ADD'L FEE	

"If the "Highest Number Previously Paid For" IN THIS SPACE is less than 30, enter "20".

"If the "Highest Number Previously Paid For" (Total or independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including galitaring, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individued case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1459, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2004

Application or Docket Number

10716632

CLAIMS AS FILED - PART ((Column 1)				•			SMALL ENTITY				THAN
OTAL CLAIM	S	Colur	m u	Con	umn 2)				OR		ENTITY
 	┼	1	<u> </u>		l —		 	4	RATE	FEE	
<u> </u>	NUMBE	NUMBER FILED		NUMBER EXTRA		FEE	395.00	OR	BASIC FEI	790.00	
OTAL CHARGE	ABLE CLAIMS	<u> </u>	ninus 20=		• 4		9=	·	OR	X\$18=	
DEPENDENT (CLAIMS	1 1	ninus 3 =			X44)= -		1	Yes	<u> </u>
JLTIPLE DEPE	NDENT CLAIM	PRESENT							104	A00-	·
I the difference	o in column 1 is	loss these		#01 :-		+15	0=		OR	+300=	
_		s iess than	zero, enter	-U" in c	xolumn 2	TOT	AL		OR	TOTAL	00
- 19-08	CLAIMS AS A (Column 1)	AMENDE			(Column 3)	· SMA	LL E	ENTITY	OR	OTHER SMALL	
	REMAINING AFTER AMENDMENT		NUME PREVIO	ER USLY	PRESENT EXTRA	RAT	E	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
Total	. 2	Minus	- 2		=	X\$ 9	=	-	OR	X\$18=	Marile -
Independent	1.	Minus		√	=	X44:		e		-X88=	
FIRST PRESI	ENTATION OF M	ULTIPLE DE	PENDENT	CLAIM			\dashv	V-10-	UH		
,			•						OR		·
•	•								OR		
	(Column 1)	1.			(Column 3)						
	REMAINING AFTER AMENDMENT		NUMB! PREVIOU	ER JSLY	PRESENT EXTRA	RATE		•		RATE	ADDI- TIONAL FEE
Total		Minus	**		=	X\$ 9=	T		OB	X\$18=	
Independeni	• .	Minus	***		=	Y44-			ŀ		: -(3152 H
FIRST PRESE	NTATION OF MU	JLTIPLE DE	PENDENT (LAIM		^			OR	X88=	
						+150=	•	·	OR	+300=	
•		·							OR 🚡	TOTAL	
	(Column 1)		(Column	12) ((Column 3)	745011.70	-		^		
	CLAIMS REMAINING AFTER AMENDMENT		NUMBE PREVIOU	R SLY	PRESENT EXTRA	RATE	Įπ	IONAL		RATE	ADDI- TIONAL FEE
Total	•	Minus	**		= .	X\$ 9=	T			X\$18=	IES.
	*	Minus	***		=	—— <u> </u>	╁		OR L		
Independent						* Y///-	· •			V00	•
	NTATION OF MU	LTIPLE DEI	PENDENT C	LAIM		X44=	╀	(°	OR L	X88=	
FIRST PRESEI	NTATION OF MU			·		+150=	\dagger			+300=	·
FIRST PRESEI		entry in colu	mn 2 write "0	in colur	nn 3.	 			DR	 -	
	OR OTAL CHARGE DEPENDENT OF ULTIPLE DEPE The difference - / 4- 0 Total Independent FIRST PRES Total Independent	OTAL CHARGEABLE CLAIMS DEPENDENT CLAIMS ULTIPLE DEPENDENT CLAIM I The difference in column 1 is (Column 1) CLAIMS REMAINING AFTER AMENDMENT Total Independent (Column 1) CLAIMS REMAINING AFTER AMENDMENT Total Independent (Column 1) CLAIMS REMAINING AFTER AMENDMENT Total (Column 1) CLAIMS REMAINING AFTER AMENDMENT (Column 1) CLAIMS REMAINING AFTER AMENDMENT	OTAL CLAIMS OR OTAL CHARGEABLE CLAIMS DEPENDENT CLAIMS ULTIPLE DEPENDENT CLAIM PRESENT The difference in column 1 is less than - / 4 - O LAIMS AS AMENDE (Column 1) CLAIMS REMAINING AFTER AMENDMENT Total Independent (Column 1) CLAIMS REMAINING AFTER AMENDMENT Total (Column 1) CLAIMS REMAINING AFTER AMENDMENT Total Independent (Column 1) CLAIMS REMAINING AFTER AMENDMENT Total (Column 1) CLAIMS REMAINING AFTER AMENDMENT Total (Column 1) CLAIMS REMAINING AFTER AMENDMENT (Column 1) CLAIMS REMAINING AFTER AMENDMENT	OR NUMBER FILED OTAL CHARGEABLE CLAIMS Ininus 20= DEPENDENT CLAIMS Iminus 3 = ULTIPLE DEPENDENT CLAIM PRESENT I the difference in column 1 is less than zero, enter CLAIMS AS AMENDED - PAR' (Column 1) (Co	OTAL CLAIMS OR NUMBER FILED NUMI OTAL CHARGEABLE CLAIMS DEPENDENT CLAIMS MINUS 3 = " ULTIPLE DEPENDENT CLAIM PRESENT If the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 1 is less than zero, enter "0" in of the difference in column 2 in lidependent in in lid	OTAL CLAIMS OTAL CHARGEABLE CLAIMS DEPENDENT CLAIMS DEPENDENT CLAIMS DITTIPLE DEPENDENT CLAIM PRESENT If the difference in column 1 is less than zero, enter "0" in column 2 OCAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3) FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM Independent (Column 1) (Column 2) (Column 3) (Column 3) (Column 3) (Column 3) (Column 4) (Column 4) (Column 5) (Column 6) (Column 7) (Column 7) (Column 8) REMAINING AFTER PREVIOUSLY PAID FOR PRESENT EXTRA PREVIOUSLY PAID FOR (Column 1) (Column 1) (Column 2) (Column 3) PRESENT EXTRA PREVIOUSLY PAID FOR Independent (Column 1) (Column 2) (Column 3) PRESENT EXTRA PREVIOUSLY PAID FOR (Column 1) (Column 2) (Column 3) PRESENT EXTRA PREVIOUSLY PAID FOR (Column 1) (Column 2) (Column 3) PRESENT EXTRA PREVIOUSLY PAID FOR PRESENT EXTRA PREVIOUSLY PRESENT PRESENT EXTRA PREVIOUSLY PRESENT PRESENT EXTRA PREVIOUSLY PRESENT EXTRA EXTRA PREVIOUSLY PRESENT EXTRA PREVIOUSLY PRESENT EXTRA EXTRA PREVIOUSLY PRESENT EXTRA PREVIOUSLY PRESENT EXTRA PREVIOUSLY PRESENT EXTRA EXTRA PREVIOUSLY PRESENT EXTRA PREVIOUSLY PRESENT EXTRA PREVIOUSLY PRESENT EXTRA PREVIOUSLY PRESENT EXTRA EXTRA PREVIOUSLY PRESENT EXTRA EXTRA PREVIOUSLY PRESENT EXTRA E	OTAL CLAIMS OR NUMBER FILED NUMBER EXTRA DEPENDENT CLAIMS DEPENDENT CLAIMS DEPENDENT CLAIMS IN I	OTAL CLAIMS OR NUMBER FILED NUMBER EXTRA OTAL CHARGEABLE CLAIMS Ininus 20= Ininus 3 = Ininus 3 = Ininus 3 = Ininus 3 = Ininus 44= Ininu	OTAL CLAIMS OR NUMBER FILED NUMBER EXTRA DEPENDENT CLAIMS DEPENDENT CLAIMS DITTIPLE DEPENDENT CLAIM PRESENT If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 2 is less than zero, enter "0" in column 2 If the difference in column 1 is less than zero, enter "0" in column 2 If the difference in column 2 is less than zero, enter "0" in column 2 If the difference in column 2 is less than zero, enter "0" in column 2 If the difference in column 2 is less than zero, enter "0" in column 2 If the difference in column 2 is less than zero, enter "0" in column 2 If the difference in column 2 is less than zero, enter "0" in column 2 If the difference in column 3 is less than zero, enter "0" in column 3 If the difference in column 3 is less than zero, enter "0" in column 3 If the difference in column 3 is less than zero, enter "0" in column 2 If the difference in column 3 is less than zero, enter "0" in column 2 If the difference in column 3 is less than zero, enter "0" in column 2 If the difference in column 3 is less than zero, enter "0" in column 2 If the difference in column 3 is less than zero, enter "0" in column 2 If the difference in column 3 is less than zero, enter "0" in column 2 If the difference in column 2 is less than zero, enter "0"	OTAL CLAIMS OR NUMBER FILED NUMBER EXTRA OTAL CHARGEABLE CLAIMS INITUS 20= OTAL CHARGEABLE CLAIMS DEPENDENT CLAIMS INITUS 20= OTAL CHARGEABLE CLAIMS INITUS 20= OTAL OTA	OTAL CLAIMS OR NUMBER FILED NUMBER EXTRA OR NUMBER FILED NUMBER EXTRA OR ASSEC FEE SSS.OO OR ASSATE BASIC FEE SALL X44= OR X58= +150= OR TOTAL OR ADDIT FEE OR X518= TOTAL OR ADDIT FEE OR X518= TOTAL OR ADDIT FEE OR X518= TOTAL OR ADDIT FEE OR